

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1    | "20040017528"  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/04 13:18 |
| S2    | 2    | ("6342935" "6219119").pn.  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 14:36 |
| S3    | 1    | "20020030774"  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 14:39 |
| S4    | 44   | (kano-mitsuru yoshii-katsumasa<br>hayashi-yuzo hebiguchi-hiroyuki<br>yamaguchi-masahiko) not ("349"/\$.<br>ccls. LCD (liquid adj crystal))                                   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 14:46 |
| S7    | 185  | "349"/\$.ccls. and @pd<"19900101"<br>and (TFT transistor) and reflect\$  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 15:49 |
| S9    | 249  | 349/111.ccls.  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 16:13 |
| S8    | 15   | "349"/\$.ccls. and (pixel adj<br>electrode adj upper adj substrate)  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2004/10/12 16:14 |
| S10   | 204  | 349/44.ccls.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 16:24 |
| S11   | 689  | 349/42.ccls.   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 16:35 |
| S12   | 18   | "349"/\$.ccls. and reflect\$ and (TFT<br>near2 ((upper top) adj substrate))  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/12 16:45 |
| S14   | 2    | "6750930".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/10/26 13:50 |
| S13   | 67   | "349"/\$.ccls. and TFT with (inverse<br>adj stagger\$)   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/26 16:02 |
| S15   | 10   | "1174735"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/10/26 16:50 |
| S5    | 105  | (kano-mitsuru yoshii-katsumasa<br>hayashi-yuzo hebiguchi-hiroyuki<br>yamaguchi-masahiko) and ("349"/\$.<br>ccls. LCD (liquid adj crystal))                                   | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/26 16:50 |
| S16   | 111  | (kano-mitsuru yoshii-katsumasa<br>hayashi-yuzo hebiguchi-hiroyuki<br>yamaguchi-masahiko<br>moriike-tatsuya omote-kenji ) and<br>("349"/\$.ccls. LCD (liquid adj<br>crystal)) | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/26 16:52 |
| S6    | 1024 | 349/113.ccls.  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2004/10/26 17:04 |

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| S33 | 11  | (kano-mitsuru yoshii-katsumasa hayashi-yuzo hebiguchi-hiroyuki yamaguchi-masahiko moriike-tatsuya omote-kenji ) and ("349"/\$.ccls. LCD (liquid adj crystal)) and @pd>"20041026" | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 18:58 |
| S34 | 2   | ("6342935" "6219119").pn.  | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 19:07 |
| S35 | 159 | 349/113,114.ccls. and (alignment aligning orientation) with (smooth\$ planar\$ flat)   | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 19:11 |
| S36 | 5   | ("5408345"   "5805252"   "6097459"   "6262783"   "6278507").PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/25 19:34 |
| S37 | 1   | "6459463".pn.  | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 19:48 |
| S44 | 68  | "349".clas. and (((alignment aligning orientation) adj (film layer)) with (smoothened flattened flat) with orientation)  | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 19:53 |
| S45 | 108 | 349/51,52.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2005/03/25 20:01 |
| S46 | 153 | 349/113,114.ccls. and MIM  | US-PGPUB; USPAT        | OR | OFF | 2005/03/27 14:56 |
| S48 | 23  | 349/113,114.ccls. and schechter  | US-PGPUB; USPAT        | OR | OFF | 2005/03/27 15:55 |
| S57 | 4   | ("6172728"   "6259500"   "6262783"   "6556260").PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/27 16:44 |
| S59 | 836 | 349/113,114.ccls. not MIM not (rough\$ corrugat\$ bump\$ protrusion\$)   | US-PGPUB; USPAT        | OR | OFF | 2005/03/27 16:56 |
| S58 | 428 | 349/113,114.ccls. not MIM and (rough\$ corrugat\$ bump\$ protrusion\$)   | US-PGPUB; USPAT        | OR | OFF | 2005/03/27 16:56 |
| S60 | 162 | 349/114.ccls. and transfect\$ and (color adj filter)   | US-PGPUB; USPAT        | OR | ON  | 2005/03/27 19:06 |
| S61 | 10  | 349/114.ccls. and schechter  | US-PGPUB; USPAT        | OR | ON  | 2005/03/28 10:30 |
| S71 | 235 | 257/59,72.ccls. and (reflecting reflection reflective) and (rough\$ corrugat\$ bump\$ protrusion\$)  | US-PGPUB; USPAT        | OR | OFF | 2005/03/28 13:16 |
| L2  | 4   | (kano-mitsuru yoshii-katsumasa hayashi-yuzo hebiguchi-hiroyuki yamaguchi-masahiko) and @pd>"20050325"  | US-PGPUB; USPAT        | OR | OFF | 2005/06/03 20:00 |

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|----|----|--|-----------------|----|-----|------------------|
| L1 | 25 | 257/59,72.ccls. and (reflecting reflection reflective) and (rough\$ corrugat\$ bump\$ protrusion\$) and @pd>"20050325" | US-PGPUB; USPAT | OR | OFF | 2005/06/03 20:01 |
| L3 | 91 | 349/51,52,113,114.ccls. and @pd>"20050325"   | US-PGPUB; USPAT | OR | OFF | 2005/06/03 20:04 |

AS 6/3/05